Mohammed Nihal

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EDUCATION

Yenepoya Institute of Technology, *Mangalore* *pursuing*
B.E. in Artificial Intelligence and Machine Learning   8.45 CGPA

SKILLS

Technical Skills: Data Visualization, Web Scraping, Machine Learning, Data Science, Django, PostgreSQL, Git, GitHub, Containerization with Docker, Streamlit, Figma .

Python Libraries: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, Beautiful Soup, TensorFlow, Keras.

Languages: Python, HTML, CSS, Java

INTERNSHIP

Xerxez solution Pvt LTD, *Bangalore*   Oct 2023-Nov 2023

- Design and launch machine learning models and orchestration processes in a microservice architecture, applying Django and front-end tools to support the development of AI solutions that improved product performance and troubleshooting efficiency.
- Contact: info@xerxez.in
- https://github.com/NihalMachineLearning/Regression.git

PROJECTS

XGD: A Machine Learning Approach to Predict Cancer Driver Genes from Multi-omics Data   Aug 2024

- Developed a machine learning model to predict cancer driver genes using multi-omics data from the PanCancerAtlas.
- Conducted data preprocessing, feature engineering, model training and evaluation. Analysed crucial features of pan-cancer data, focusing on gene interactions and SNPs as potential cancer markers.

Knee Ligament Tear Detection using Yolov5   Oct 2023

- Detecting knee ligament tears using YOLO involves training a deep learning model to identify the presence of tears in knee ligaments from medical images, such as MRI scans or X-rays.
- https://github.com/Mohdnihal03/Knee-Ligament-Tear-Detection-using-Yolov5-.git.

IPL Match Winner Prediction Using ML   Jun 2024

- Predicting the Probability of the Team Winning an IPL Match using Logistic Regression Algorithm.
- https://github.com/Mohdnihal03/IPL-match-winner-predictor-using-ML.git

Car Price Prediction with streamlit   Jul 2024

- Predicting the price of the car based on the company, manufactured year, fuel type and so on by Linear Regression Algorithm.
- https://github.com/Mohdnihal03/Car-Price-Prediction-with-streamlit-.git

Food and Nutrition Recognition using Gemini   Apr 2024

- Personalized dietitian and nutritionist powered by advanced AI. Easily discover key details about your favourite dishes, explore cooking techniques, and get insights into nutritional values all from a single image.
- https://github.com/Mohdnihal03/Food-and-Nutrition-Recognition-using-gemini.git

EXPERIANCE

Technical team Member   Dec 2022-Aug 2024

Department of Artificial Intelligence and Machine Learning

- Built a Website for the Department and also For the Various Event Conducted By our Department.
- www.yenartificia.com

Event Co-ordinator   Dec 2022-Aug 2024

Department of Artificial Intelligence and Machine Learning

- I served as the main coordinator for various events, including "Unscramble" for Odd Sum, "MatrixFusion" for Event Sum, and the 24-hour National Level Hackathon conducted by our department.

Technical Workshop   May 2024

Department of Artificial Intelligence and Machine Learning

- Along with a colleague, I served as a trainee for junior members, providing hands-on experience in machine learning, including model development and deployment, Django for building web applications, and Streamlit for creating interactive data applications.

ACHIEVEMENT

- Received an Appreciation Letter for Conducting Technical Workshop.
- Winner of web development hackathon at Yenepoya institute of technology.
- Participation certificate for 24 hours national level hackathon at Nitte Meenakshi Institute of Technology.
- Participation certificate for 24 hours national level hackathon at AMC Bangalore.
- Participation certificate for 24 hours national level hackathon at PES Mandya.

INTRESTS

Photography & editing, Video editing